

ABSTRACT

An illuminating-light controller includes a light modulator for projecting light on a corresponding area by tilting a reflecting surface. A first light source emits a first light that is projected on the corresponding area by illuminating the first light to the reflecting surface of the spatial light modulator being tilted at a first angle. A second light source for emits a second light that is projected on the corresponding area by illuminating the second light to the reflecting surface of the light modulator being tilted at a second angle. Still further, included is a control section for controlling the first light emitted from the first light source and the second light emitted from said second light source.